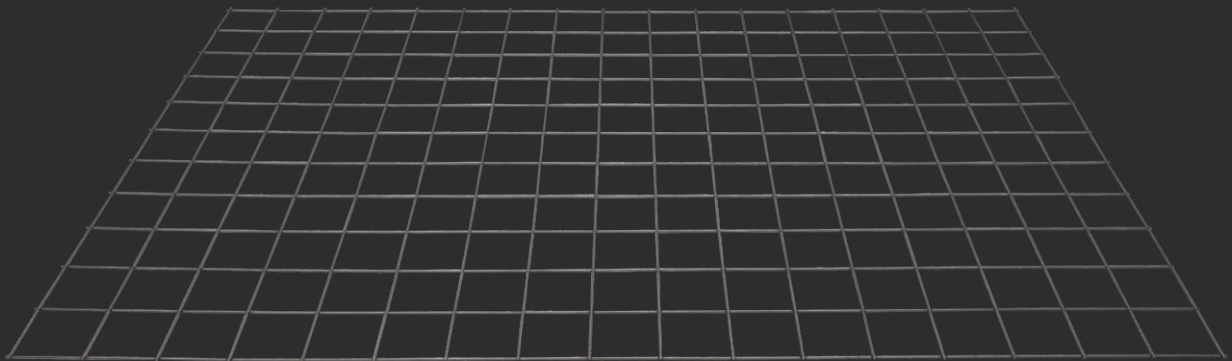


TECHNICAL DATA SHEET (WELDED WIREMESH PANEL)



PRODUCT DESCRIPTION

For tying under floor heating systems, also used in construction, agriculture and fencing. It is also used in gardening, machine protection and other decorations. Galvanized Steel Wire is spot welded with the automatic machine as per specified size. Galvanized wire is zinc coated with Hot Dip Galvanizing process. Wire mesh for Easy leveling. Made of galvanized steel with low carbon content.

PHYSICAL PROPERTIES

Galvanized Steel Wire

DIMENSIONS

Sr. No.	Description	Length (±1mm)	Width (±1mm)	Wire Dia (±0.05mm)	Mesh Size (±0.5mm)	Product Code
1	Welded Wiremesh Panel	1145mm	775mm	2.5 mm	66 X 68mm	WM / 0701
2	Welded Wiremesh Panel	1160mm	760mm	2.5 mm	67.5 X 67.5mm	WM / 0702
3	Welded Wiremesh Panel	1170mm	770mm	2.5 mm	68 X 67mm	WM / 0703
4	Welded Wiremesh Panel	1200mm	800mm	2.5 mm	70.3 X 72.3mm	WM / 0704
5	Welded Wiremesh Panel	1160mm	760mm	3.4 mm	100 X 100mm	WM / 0705
6	Welded Wiremesh Panel	1135mm	765mm	2.5 mm	68 X 67mm	WM / 0706

•Any Size Can be manufactured as per customer's requirement.

PHYSICAL AND CHEMICAL PROPERTIES :

■ Tensile strength (MPa)	:	435-480
■ Elongation (%)	:	20 - 25
■ Hardness (HV1)	:	150-170

CHEMICAL COMPOSITION

Chemical Composition	CAS No.	% Weight
■ Carbon	7440-44-0	0.09
■ Chromium	7440-47-3	0.02
■ Iron	7439-89-6	99.29
■ Boron	7440-42-8	0.0008
■ Phosphorus	7723-14-0	0.023
■ Silicon	7440-21-3	0.06
■ Sulphur	7704-34-9	0.018
■ Nickel	7440-02-0	0.007
■ Manganese	7439-96-5	0.170
■ Aluminium	7429-90-5	0.002
■ Cobalt	7440-48-4	0.004
■ Copper	7440-50-8	0.010
■ Titanium	7440-32-6	0.002
■ Tungsten	7440-33-7	0.007
■ Tin	7440-31-5	0.0054
■ Nitrogen	7727-37-9	0.0256
■ Arsenic	7440-38-2	0.005
■ Lead	7439-92-1	0.002
■ Zinc	7440-66-6	0.0022
■ Calcium	7440-70-2	0.0022
■ Molybdenum	7439-98-7	0.02
■ Magnesium	7439-95-4	0.0003
■ Niobium	7440-03-1	0.0011
■ vanadium	7440-62-2	0.002
■ Cerium	7440-45-1	0.007
■ Antimony	7440-36-0	0.0042
■ Tellurium	13494-80-9	0.004

COATING: A thin Coating of Zinc (0.020-0.030mm thick) is added to the surface as a corrosion prevention.

STORAGE RECOMEDATION

Product should be stored in dry/closed condition at temperature below 50°C and protected from Moisture, UV/Direct sunlight.

NOTE

- Product is in compliance with substance of Very High Concern (SVHC) i.e. ≤ 0.1 %w/w as per the candidate list promulgated by the European Chemicals Agency (ECHA) which are defined in Article 57 of REACH Regulation (EC1907/2006) checked by Tuv-Nord Group.